

Summary

Intervertebral implant (1), specifically an artificial intervertebral disk, with a central axis (2), an upper section (10), suitable for laying onto the base plate of a vertebral body lying on top and a lower section (20), suitable for laying onto the cover plate of a vertebral body lying below, wherein

- A) the upper section (10) is provided with a ventral side area (11), a dorsal side area (12), two lateral side areas (13,14), a top apposition surface (15) and a bottom surface (16);
- B) the lower section (20) is provided with a ventral side area (21), a dorsal side area (22), two lateral side areas (23,24), a bottom apposition surface (25) and a top surface (26); wherein
- C) the two sections (10,20) are moveable in relation to each other by means of two joints (38;39) arranged between the two sections (10;20), wherein
- D) each of the joints (38;39) has a swivel axle (3;4) and the two swivel axles (3;4) are arranged perpendicular to each other;
- E) each of the joints (38;39) comprises at least one axle (34;36) coaxial to the relevant swivel axle (3;4) and a bearing shell (35;37) receiving the axle (34;36); and
- F) roll bodies (70) are inserted between the axles (34;36) and the bearing shells (35;37).